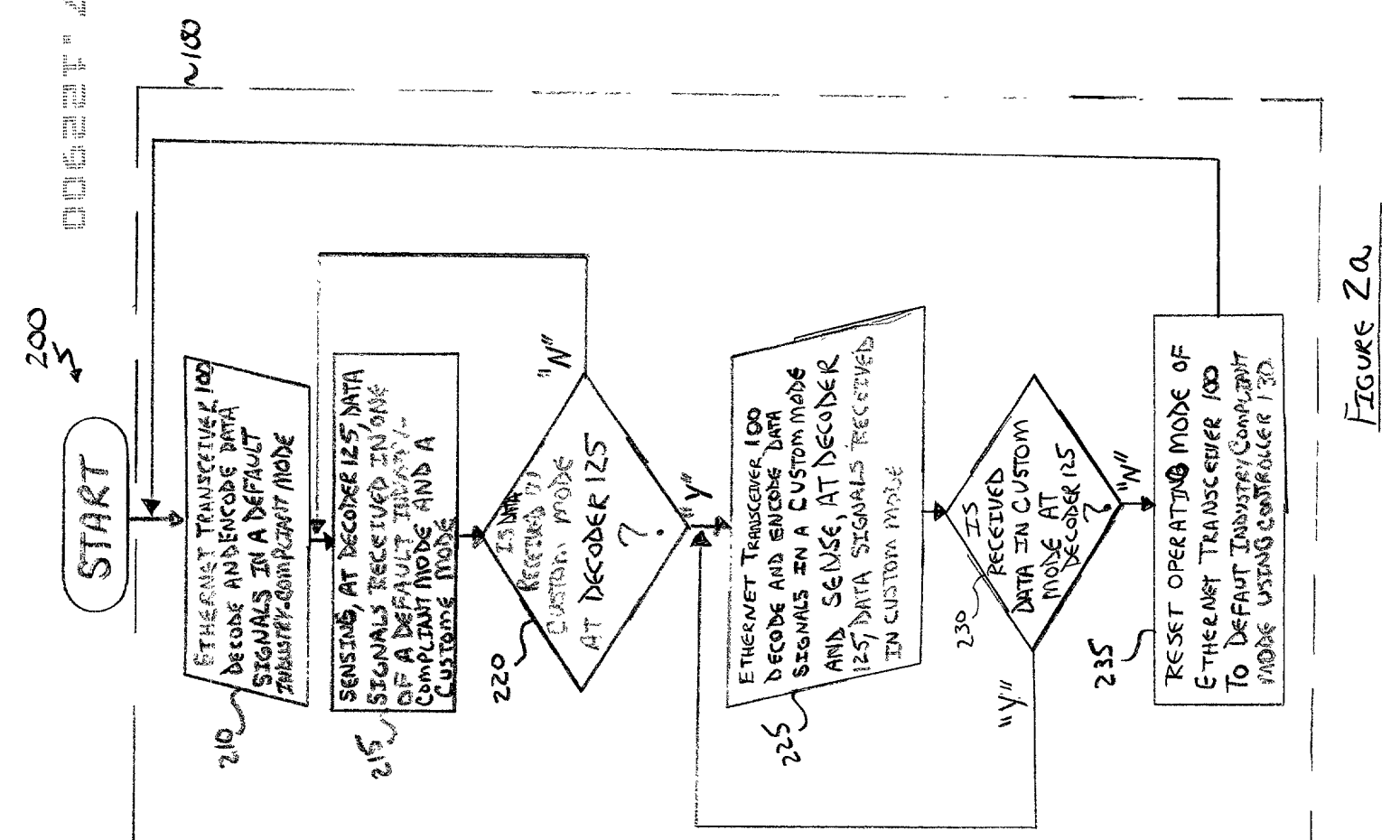
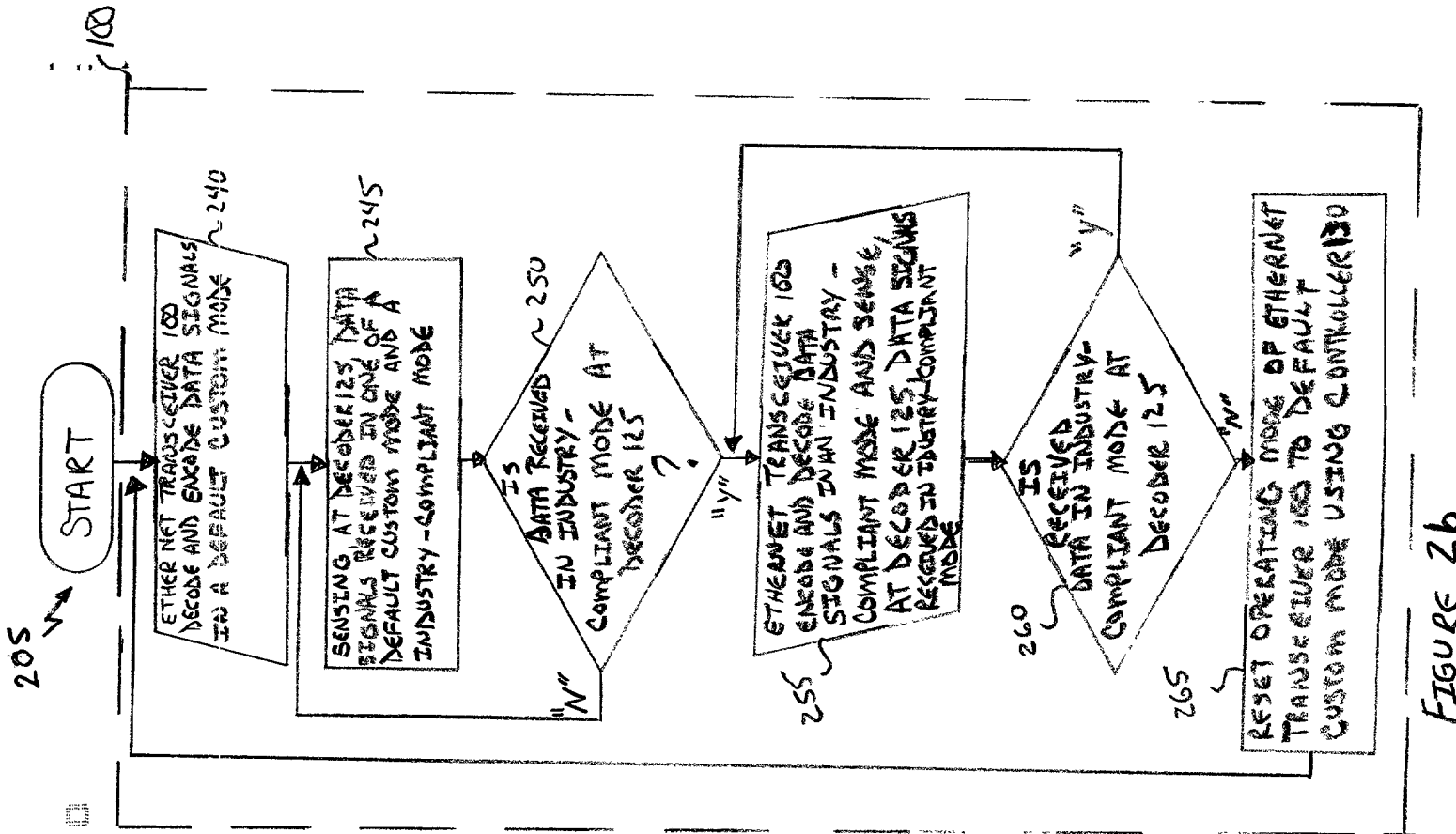


Figure 1



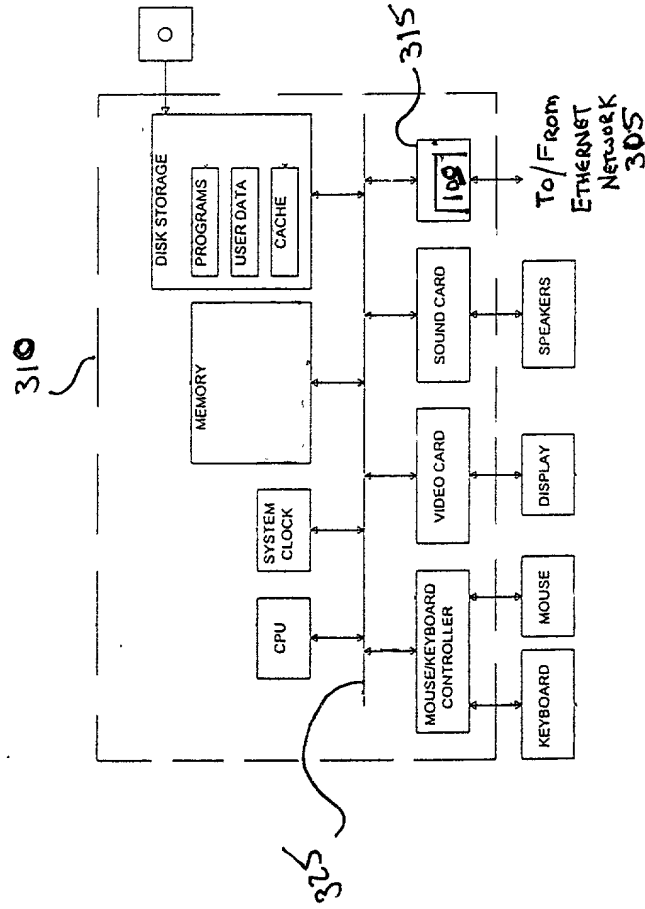
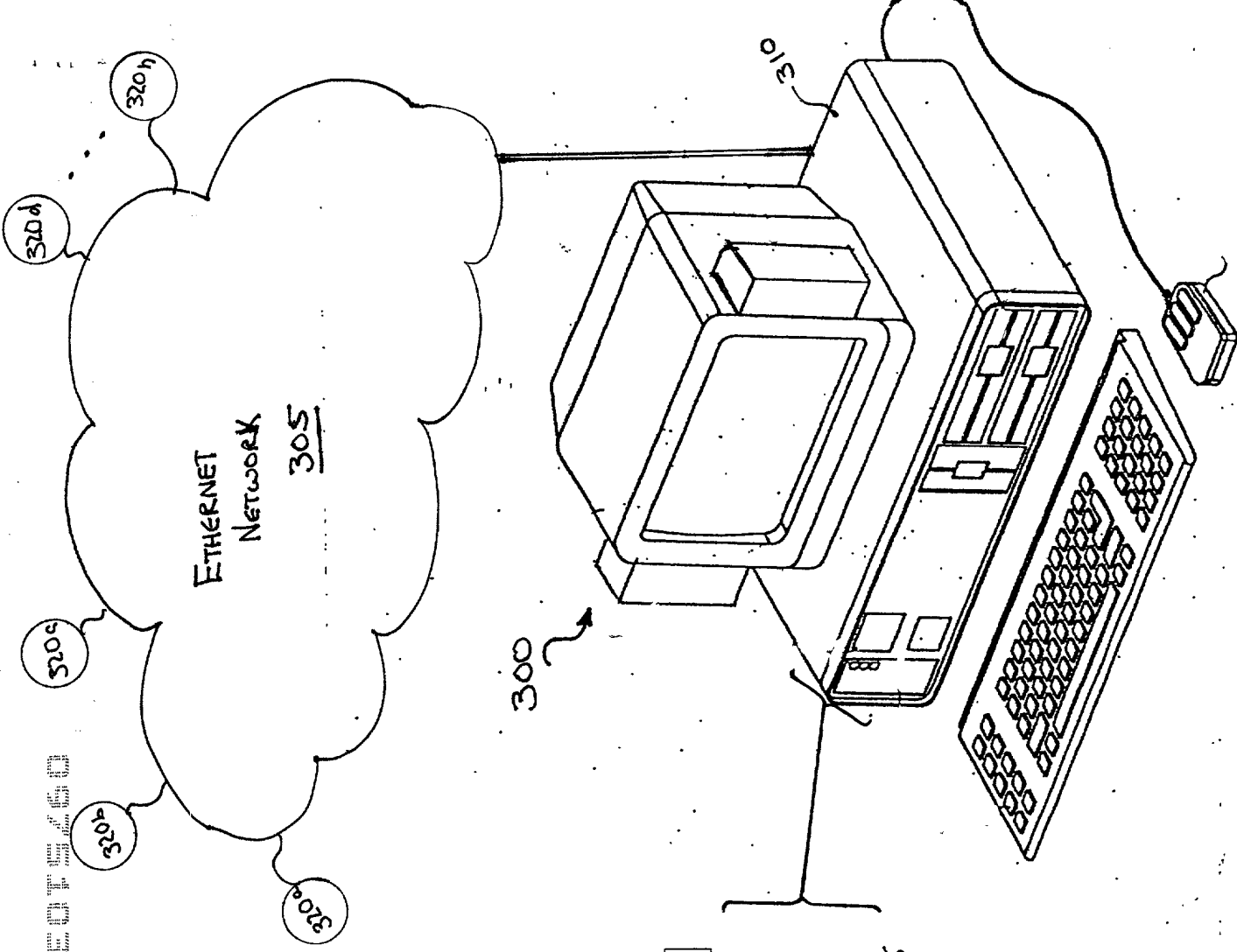


FIGURE 3

400

FIG. 4

START

COMPUTER SYSTEM 300 EXECUTES  
ONES OF A PLURALITY OF PROGRAMS  
STORED IN MEMORY OR DISK STORAGE

405

MONITOR NETWORK  
CONNECTION USING  
ETHERNET TRANSCIVER  
100 OF NIC 315

410

DATA  
TO BE ENCODED  
AND TRANSMITTED  
?

415

"Y"

ENCODE AND  
TRANSMIT  
DATA USING  
ETHERNET 100

420

DATA  
TO BE DECODED  
AND PROCESSED  
BY COMPUTER  
SYSTEM  
?

425

"N"

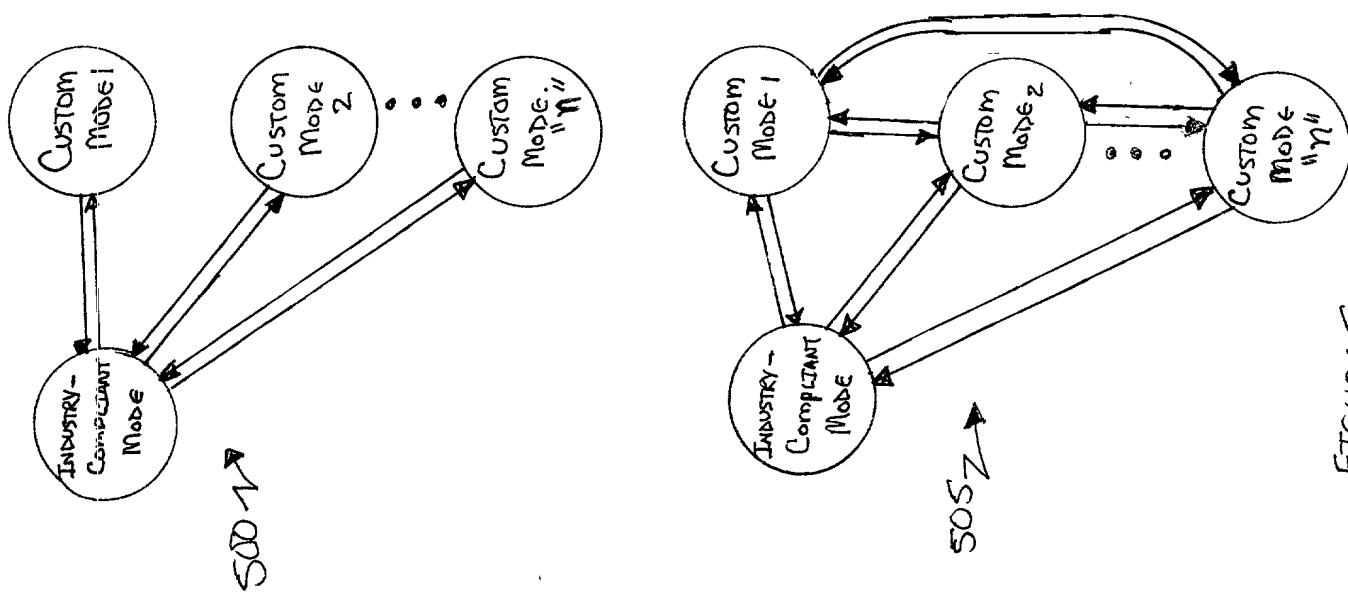
430

DECODE DATA IN  
A SELECTED ONE  
OF INDUSTRY-  
COMPLIANT MODE  
OR CUSTOM MODE

435

ENCODE RELATED  
OR RESPONSE  
DATA IN THE  
SELECTED MODE

FIGURE 4



FIGURES